GENERAL INFORMATION

This remote control is designed to separately control your ceiling fan speed and light brightness.
There are four buttons (Hi, Mid, Low, Off) to control the fan speed and off.
The light button will control the light brightness and off.
The red indicator on the transmitter will light when the button is pressed.

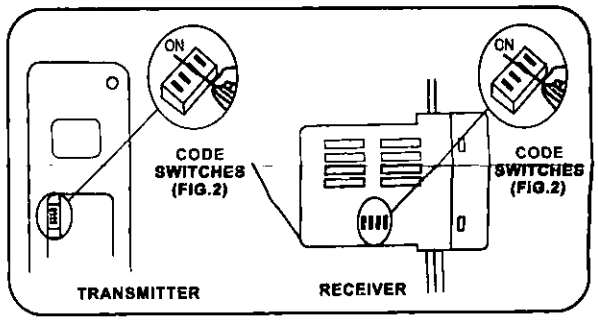
INSTALLATION AND OPERATING INSTRUCTION

1. SETTING THE CODE

This unit has 16 different code combinations. To set the code, perform these steps.

A. Setting the code on the transmitter.
   a. Remove battery cover. Press firmly below arrow and slide battery cover off.
   b. Slide code switches to your choice of up or down position. (Factory setting is all up. Do not use this position. Use a small screwdriver or a ball point pen to slide firmly up or down (Figure1).

B. Setting the code on the receiver.
   a. slide code switches to the same positions as set on your transmitter (Figure2)
   b. Replace battery cover on transmitter.

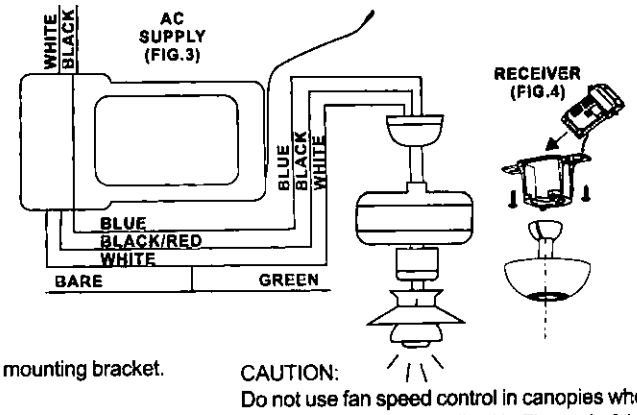


2. INSTALLING RECEIVER IN CEILING FAN

A. Safety precautions
- WARNING HIGH VOLTAGE! Disconnect source of electrical power by removing fuse or switching off main circuit breaker.
- Do not use with solid state fans.
- Electrical wiring must meet all local and national electrical code requirements.
- Electrical source and fan must be 115/120 volt, 60 Hz. Maximum fan motor amps 1.0 Maximum light watts: 190 – incandescent only.
- Household electrical power can cause serious injury or death!

If you are unfamiliar with electrical wiring, please have this done by qualified licensed electrician.

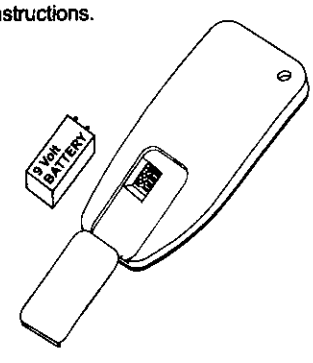
B. Installing receiver in fan:
   a. Remove electrical power from the circuit
   b. Remove ceiling fan canopy from the mounting bracket
   c. Disconnect existing wiring between ceiling fan and supply at electrical junction box.
   d. Make connections as follows, using the wire nuts supplied:
      Connect GREEN / YELLOW fan wire to BARE (ground) wire.
      Connect BLACK Control Unit wire to BLACK supply wire (AC L).
      Connect WHITE Control Unit wire to WHITE wire of supply (AC N).
      Connect WHITE Control Unit wire to (MOTOR N) to WHITE fan wire.
      Connect BLACK / RED Control Unit wire (MOTOR L) to BLACK / RED fan wire.
      Connect BLUE Control Unit wire (FOR LIGHT) to BLUE light wire.
   e. Push all connected wires up into junction box.
   f. Lay the black antenna wire on top of the receiver, and put the receiver in the mounting bracket.
   g. Reinstall the canopy on the mounting bracket.
   h. Restore electrical power.



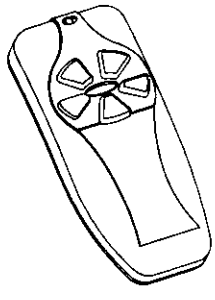
CAUTION:
Do not use fan speed control in canopies where the mounting is not as described in Figure 4 of the installation instructions.

3. OPERATING TRANSMITTER:

A. Install 9 volt battery (included). (To prevent damage to transmitter. Remove the battery if not use for long period).
B. Store the transmitter away from excess heat or humidity.
C. This remote control unit is equipped with 16 code combinations. To prevent possible interference from or to other remote units such as garage door openers, car alarm or security system, if you find that your fan and light kit go on and off without using your remote control, simply change the combination code in your transmitter and receiver.
D. Operation buttons on the panel of the transmitter.
   HI key - for fan high speed.
   MED key - for fan medium speed.
   LOW key - for fan low speed.
   OFF key - for fan speed off.
   key - for light brightness and off.
   The light function is controlled by pressing the key. Hold key down to change the brightness.
   Keep pressing the button in excess of 0.7 second it becomes dimmer, the light varies cyclically in 0.8 second. Tap key quickly to turn light off or on.



YOUR REMOTE NOW HAS FULL CONTROL OF THE FAN AND LIGHT.



4. TROUBLE SHOOTING GUIDE

1. Fails to operate.
   a. Power to receiver?
   b. Receiver wired correctly?
   c. Fan manual speed control in highest position?
   d. Light kit switch turned on?
   e. Good battery in the transmitter?
   f. Code set at exact same positions in both transmitter and receiver?
2. Won't operate at distance
   If transmitter operates fan/light kit when up close, but not at 30 feet away, try placing the black antenna wire higher up through ceiling/outside the junction box.

NOTICE!
Your ceiling fan and light kit assembly must meet the following requirements:
1. Do not use with solid state fans.
2. Electrical rating: 120V 60Hz 3.5A
   MAX motor amps:1.0
   MAX. Light watts:190
   (incandescent only)

CAUTION:
Ceiling angle shall Not Exceed 30 Degrees.
For mounting controller Models **AS-3DN**.